

National Aeronautics and Space Administration



TDRS

Tracking and Data Relay Satellite

replenishing the fleet



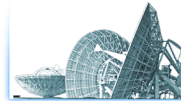
TDRS

The TDRS Project is building the space communications satellites that will replenish NASA's Space Network. The TDRS Project Office at Goddard Space Flight Center manages the TDRS development effort. The Space Network is the responsibility of the Space Communications and Navigation (SCaN) office within the Human Exploration and Operations (HEO) Mission Directorate at NASA Headquarters. The network is operated by the Space Network Project at Goddard.

NASA's Space Network consists of a constellation TDRS spacecraft stationed in geosynchronous orbit and the associated TDRS ground terminals located at White Sands, New Mexico and Guam. TDRS is capable of providing near-continuous high-bandwidth telecommunications services for low-Earth orbiting user spacecraft and expendable launch vehicles, including the Hubble Space Telescope, the Earth Observing Fleet, and the International Space Station. As such, the TDRS is a basic agency capability and a critical resource.

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TDRS Ground Terminals